

**WHAT IS CLAIMED IS:**

1 A method of manufacturing a display device having an OLED display and a touch screen, the OLED display including components that are sensitive to high temperatures, and the touch screen including a resistive film, comprising the steps of:

- a) providing a transparent substrate having two sides;
- b) forming a flat-panel organic light emitting diode display on one side of the substrate;
- c) forming a resistive film using a low temperature technique on the other side of the substrate; and
- d) forming a resistive touch screen on the resistive film.

2. The method claimed in claim 1, wherein the low temperature technique is low temperature sputtering.

3. The method claimed in claim 1, wherein the low temperature technique is coating a resistive polymer material.

4. The method claimed in claim 3, wherein the coating technique is spin coating.

5. The method claimed in claim 3, wherein the coating technique is web coating.

6. The method claimed in claim 3, wherein the coating technique is drop jet coating.

7. The method claimed in claim 3, wherein the resistive polymer material is polythiophene.

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8. The method claimed in claim 1, wherein the OLED display is an active matrix display.

9. The method claimed in claim 1, wherein the OLED display is a passive matrix display.

10. A display device manufactured according to the method of claim 1.

11. The method claimed in claim 1, wherein the resistive film is indium tin oxide (ITO).

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